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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/086,737	03/04/2002	Jukka Kela	1030.41370X00	2202

20457 7590 05/05/2003

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EXAMINER

DUONG, THOI V

ART UNIT PAPER NUMBER

2871

DATE MAILED: 05/05/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/086,737

Applicant(s)

KELA ET AL.

Examiner

Thoi V Duong

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 04 March 2002.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                  | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____  |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)         | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____                                    |

### **DETAILED ACTION**

1. This office action is in response to the Preliminary Amendment, Paper No. 2, filed March 04, 2002.

Accordingly, claim 8 was amended, and new claims 12-18 were added.

Currently, claims 1-18 are pending in this application.

#### ***Claim Rejections - 35 USC § 112***

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claim 7 recites the limitation "the printed circuit board" in line 2 of the claim.

There is insufficient antecedent basis for this limitation in the claim.

#### ***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Inubushi et al. (USPN 6,604,453) in view of Kaga et al. (USPN 6,216,329 B1).

As shown in Figs. 1-6, Inubushi discloses a display arrangement for holding (as well as a method for arranging) a liquid crystal display (LCD) 4 used in electronic equipment such as a mobile phone (col. 1, lines 5-8) in a relative position to a housing, and having an elastic part 7 between the LCD and the housing,

wherein said housing comprise two housing parts, where a first housing part comprising a holder 8 covers the periphery of the LCD and the bottom surface of the LCD, where as a second housing part comprising a top case 1 covers the periphery of the top surface of said LCD;

wherein said elastic part surrounds an inner periphery of the housing (Fig. 5);

wherein said elastic part surrounds the inner periphery of the second housing part (Fig. 4);

wherein said elastic part is flexible arranged on the housing to provide a pressure on the LCD and providing a dust-proof seal between the LCD and the housing (col. 5, lines 3-8);

wherein said elastic part is flexible arranged on the housing to provide a dust-proof seal between the display arrangement and an cover 1 surrounding the display arrangement (Fig. 4); and

wherein a side connector to a printed circuit board 10 is arranged in the left side of the LCD.

The display arrangement further has a cavity between the periphery of the LCD and the housing as shown in Fig. 3.

Inubishi discloses a display arrangement that is basically the same as that recited in claims 1-18 except for an adhesive member applied along the periphery of the bottom surface of the LCD and attaching the LCD to the housing. As shown in Fig. 1A, Kaga discloses a method for attaching a liquid crystal display (LCD) panel P to a support member of a housing C with an adhesive member along the periphery of the

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bottom surface of the LCD panel so as to suppress the flexural deformation of the LCD panel due to an impact (col. 1, lines 27-30; col. 3, lines 39-42 and col. 5, lines 4-13).

Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the method for arranging the LCD panel in relation to a housing of Inubushi with the teaching of Kara by applying an adhesive member along the periphery of the bottom surface of the LCD panel and attaching the LCD panel to a housing part for fixing the panel in place and providing an impact resistance.

**Conclusion**

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thoi V. Duong whose telephone number is (703) 308-3171. The examiner can normally be reached on Monday-Friday from 8:00 am to 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Kim, can be reached at (703) 305-3492.

Thoi Duong



04/29/2003

TOANTON  
PRIMARY EXAMINER